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Drawings
a plurality of connected guide walls that converge forwardly into a housing in the shape of a portion of a sphere and having a substantially circular opening into said housing where said guide walls converge;

means attached to said housing for mounting said apparatus to a towing vehicle;

Claim
a double-ring coupler device having two substantially annulus-shaped rings, formed so that one outer ring houses the other inner ring as follows: the outer convex surface of said inner ring has the same curvature shape as the inner concave surface of said outer ring, with said outer ring somewhat overlapping said inner ring to hold them together operationally, allowing said outer ring to rotate freely on any axis about said inner ring;

a shaft attached to said outer ring having means to attach said coupler device to a trailer tongue;

said housing having an inner surface with the same curvature as the outer surface of said outer ring so that said outer ring can rotate freely and smoothly about any axis within said housing;

said housing having circular surface openings situated opposite each other and said inner ring of said coupler device having a circular hole which aligns with said surface openings as means for insertion of a

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locking pin device to securely engage said double-ring coupler device within said housing.

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11. (Once Amended) An improved trailer hitching apparatus comprising:

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a housing having a horizontal cross-section substantially in the shape of a partial circle, and said housing having first and second wall portions in opposed, spaced apart relation;

means attached to said first and second wall portions for mounting said apparatus to a towing vehicle;

an outer, substantially annulus-shaped ring having inner walls defining an opening, said inner walls having a concave configuration, said outer ring being configured to be received between said opposed first and second wall portions;

an inner, substantially annulus-shaped ring, said inner ring having an opening and an outer convex surface, said inner ring being positioned within said opening of said outer ring, said outer convex surface of said inner ring having substantially the same curvature as said inner concave walls of said outer ring, and said outer ring somewhat overlapping said inner ring to hold them together operationally such

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that said outer ring can rotate freely on any axis about said inner ring,
said inner and outer rings together forming a coupler device;
said housing having an opening configured to receive an end of said
coupler device therethrough;
means attached to said outer ring for attaching said coupler device to a
trailer; and
a locking pin operatively associated with said opposed first and second
wall portions of said housing and configured to be received through
said opening in said inner ring when said coupler device is disposed
between said opposed first and second wall portions so as to couple
said coupler device to said means for mounting said apparatus to a
towing vehicle.

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13. (Once Amended) The trailer hitching apparatus of Claim 12,
wherein said housing comprises a curved inner surface, and wherein said outer
ring has an outer convex surface with the same general curvature as the curved
inner surface of said housing such that said outer ring can rotate freely and
smoothly about any axis within said housing.